

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.











STA/STA

AGRICULTURAL LIBRARIES INFORMATION NOTES

AID-UPDATE SERVICE TO DEVELOPING COUNTRIES

by Harry Dewey, NAL-AID Liaison Officer
National Agricultural Library Building
Beltsville, MD (301) 344-3705

A plan for offering SDI (Selective Dissemination of Information) to developing countries was implemented November 1979 with the establishment of the National Agricultural Library Building of a service known as AID-UPDATE. Working under contract funded by the Agency for International Development (AID), the author set up procedures for offering to AID personnel the same Current Awareness Literature Service (CALS) that had been available for ten years to U.S. Department of Agriculture (USDA) scientists and other personnel.

USDA's CALS is a Selective Dissemination of Information (SDI) service developed by Hilary Burton, Leader, Systems Information Services, TIS, in the early 1970's for the Agricultural Research Service and incorporated into the USDA's Technical Information Systems (successor to the National Agricultural Library) in 1979. Lida Allen, Director of the Office of Development Information and Utilization, AID, perceived CALS service as an effective means of bringing new agricultural research to the attention of AID personnel in developing countries. Funds were dedicated for the NAL-AID Liaison Office and its AID-UPDATE activities.

DATABASES USED

Most of the requests for SDI service are purely agricultural, and the nine data bases used in CALS are more than adequate for this purpose. They are:

AGRICOLA (formerly CAIN)
Biological Abstracts (two data bases)
Chemical Abstracts
Commonwealth Agricultural Bureaux (CAB)
Engineering Index
Food Science and Technology Abstracts (FSTA)
National Technical Information Service (NTIS)
World Textile Abstracts (WTA)

CAB, or both. Pest management problems invite use of *Chemical Abstracts*. *Engineering Index* is useful for energy and agricultural engineering. *NTIS* is useful for a variety of technical searches. *FSTA* and *WTA* are used as their names would indicate.

SDI service is sought commercially from data bases not available through CALS. Among those used are *CRIS*, *MED-LARS*, *Tropical Agriculture*, *Smithsonian Science Information Exchange (SSIE)*, *Enviroline*, *Energyline*, *ERIC*, *Library and Information Science Abstracts (LISA)*, and others.

All searches are put into *AGRICOLA*, and many also into *Biological Abstracts* or

(AID, Continued on p. 2)

(AID, Continued from p. 1)

Retrospective online and/or offline searches frequently precede formulation of the final SDI profile. These are usually sent to the SDI requester after being analyzed for the contributions to improved terminology and strategy that prompted their execution.

DOCUMENT DELIVERY

From the beginning, document delivery was seen as an element critical to the success of the project. The initial plan provided that CALS searches go to requesters, who would then review the citations and be able to ask for and receive copies of the documents they required. A substantial portion of the funds was set aside for photocopying.

Detailed procedures have been worked out to augment the initial plan. The recipient of the SDI search is permitted to return the search, indicating on it by checkmarks the citations he wants photocopied, signing it, and mailing it back to AID-UPDATE. These photocopy requests are processed daily. Promptness in the handling of photocopy requests is the principal way of being supportive of the users of the service and procedures have been geared to achieving speedy document delivery. In spite of this goal, delays inevitably occur.

The first group of delays (those occurring during the processing of orders by AID-UPDATE staff) is represented by document requests submitted without NAL call numbers. These must be looked up individually. Many documents turn out not to be owned by Technical Information Systems and orders must be placed for photocopies and interlibrary loans with libraries, publishers, and other suppliers. Whenever photocopies are not available through TIS, the order is diverted to a "Delay" category, the requester is

notified of the source from which the documents are to be expected, and the effort to obtain the document through alternative sources gets under way. In cases where the alternative procedure (interlibrary loan, for example) is routinized, a document may arrive as promptly as a photocopy would have.

One of the most common reasons for invoking alternative procedures is the need to avoid copyright infringement. Where purchase of the document is the only alternative, budget problems necessitate seeking a letter from the requester justifying his need. For example, (if photocopies are not available from TIS), we make an effort to provide documents originally published overseas in the country from which the request is received, only after requesting a letter of justification from the requester.

A second group of opportunities for delay presents itself after requests are turned over to the TIS Lending Branch (for the pulling of the volumes from the stack and the actual photocopying). The most common of these is represented by the "not-on-shelf" problem, familiar to all librarians, except the legendary nineteenth century Harvard librarian who gloried in the excellent health of his library ("only one book is out and I'm on my way to retrieve it"). "Not-on-shelf" requires facing the choice of waiting a few days for a magic reappearance or instigating immediate efforts to obtain the document from another library. Fragile documents and those bound too tightly to permit photocopying account for other delays. Still others are represented by errors on the part of AID-UPDATE staff in supplying call numbers, as, for example, in cases when periodicals have identical titles; errors in database printouts occur occasionally, especially inadequacy of pagination information.

(AID, Continued on p.3)

PUBLICIZING THE SERVICE

The availability of the service was first publicized in February 1980 when a preliminary announcement was sent to AID scientists working in the Washington, D.C. area. The recipients of the announcement were asked to fill out a one-page form indicating the subject matter of the proposed search and to include key terminology, one or two already located citations, and other relevant information. A high percentage of the requests for service are received by telephone or as letters. Although printed forms have been devised for many communications, efforts to bypass such procedures are received as cheerfully as if the procedure did not exist. Telephone requests are specially encouraged, because of the opportunity for verbal give and take.

The service has gradually grown. About 400 profiles are currently running in separate data bases. The AID funded program has been intended as a two-year demonstration of SDI service in the field of agricultural development. The ultimate recipients of the service were seen initially as AID agricultural

officers attached to the missions, AID agriculturists working in the Washington area, and foreign agriculturists working with the missions. The service has been extended to numerous American scientists in the overseas AID missions, and to a somewhat smaller number in the Washington area, but the third category (foreign agriculturists who are being assisted by the overseas missions) is very difficult to reach.

One of the priorities of the demonstration's second year will include efforts to make the service better known. These efforts will also include publicizing the service in periodicals read by agricultural librarians who are in a position to advise potential users of the availability of the service.

We hope to avoid the frustrations of the WHO MEDLARS Centre in its efforts to serve a potential community of users. Rolf Weitzel in "MEDLINE Services to the Developing Countries," (*Bull. Med. Libr. Assoc.* 64(1) Jan. 1976, p. 32) writes:

"It was obvious that only a minor percentage of the promotional effort would result in recruiting active MEDLINE users. There can be no doubt that by far the most effective method of promoting an information retrieval system is by demonstration possibly backed up by audiovisual aids. Remote promotion, by letter and leaflet, would meet with a low response anywhere. Among the technologically unsophisticated user population for whom the program was intended, the message was frequently not understood and the benefits that could be derived from the services offered were not recognized. This had been expected. In fact, a higher response rate would have faced the centre's staff with a quantity of requests which it would, during this early phase, have been unable to handle.

"There is less reason to be satisfied with the results of the semantic effort made. It proved that the care taken in phrasing the promotional texts had nevertheless been insufficient. From the reactions received at the centre it became evident that numerous misunderstandings existed regarding the nature, scope, and coverage of the system. Frequently MEDLINE was understood to be a data bank storing factual information such as statistical data or it was seen purely as a photocopy supply service. These misunderstandings have been carefully analyzed and taken into consideration for the preparation of a revised set of promotional material."

THE THOR DECISION AND ITS IMPACT ON THE PUBLISHING INDUSTRY, LIBRARIES AND EDUCATION INSTITUTIONS

by Gerald Sophar
Technical Information Systems, SEA/USDA
(301) 344-3778

A Supreme Court decision in an obscure tax case in January, 1979, will have an enormous impact on publishers and consequently on libraries and all educational institutions unless the Congress can be persuaded to act early during its next session. The case is the Thor Power Tool Co. vs. Commissioner of Internal Revenue. Professional publishers, those who provide scholarly works and textbooks to libraries and educational institutions, are most severely affected by the Thor decision.

Simply put, the court upheld an IRS decision against Thor which denied it the practice of depreciating its warehoused parts for tax purposes without reducing appropriately the selling price of the replacement parts. It has been a generally accepted accounting principle for various industries which carry spare and component parts to write down these inventories to avoid misleading investors and creditors, and because of the tax advantage that was obtained from this practice. The publishing industry has in general followed the same practice.

It is an especially widespread practice among publishers of scholarly, technical and scientific works, and among textbook publishers because it makes it possible for the publisher to carry inventories on slow, but essential works over many years. In a sense, the publishers act as a secondary warehouse for libraries, universities, and school systems, allowing them to purchase books on demand rather than on the date of publication. Also, many school system contracts for textbooks require the publisher to print a fixed number

of copies of a text, deliver a part of the edition and hold the remainder in its inventory against future needs with no guarantee that they will ever be purchased. Thus, an established system which is a backup resource to libraries and school systems rests on what was an accepted accounting practice before Thor.

But this isn't all. While the Supreme Court ruled on Thor in 1979, IRS did not issue regulations based on the decision until February 1980 (Revenue Ruling 80-60). It then made the regulations retroactive to 1979 (Revenue Procedure 80-5), and gave publishers until September 15, 1980, to comply.

The American Association of Publishers (AAP), of course, has actively been trying to get relief from Congress on two of the consequences of the Thor decision: (1) the retroactive IRS ruling, and (2) the decision itself as it applies to the publishing industry.

Attempts by Senator Gaylord Nelson (D., Wis.) and Representative Barber Conable (R., N.Y.) to obtain relief for the publishers on the retroactive procedure of the IRS ruling failed to be acted on since it was included in the general \$39 billion tax relief proposal which was never acted upon. A proposal to provide a refund for taxes on books, maps, sheet music, monographs and periodicals was reported out by the Senate Finance Committee subsequent to the election. It was attached to a miscellaneous House-passed bill, H. R. 3755, but was not called up for consideration by the Senate and thus died with the 96th Congress. Senator Daniel Patrick Moynihan (D., N.Y.) led this effort.

(THOR, Continued on p. 5)

(THOR, Continued from p.4)

The consequences of the Thor decision on the publishing industry, libraries and educational institutions could mean (1) sale of the books at less than cost; (2) scraping the books physically. The first action cannot be taken to any significant degree even if the publishers were willing to make the sacrifice because there is no remainder market of any consequence for most of the material which they would want to sell. Also, recall that many school contracts prohibit this practice.

The second action, which is the likely step that most of the publishers will have to take as a matter of self-preservation, will raise havoc with the already hard pressed scholarly and textbook publishing business. Some of the consequences will be fewer titles, smaller printings, and higher unit costs. Every publishing decision will have to be an economic one based solely on cost, selling price, and the number of copies that can be sold immediately. Such considerations as social value and quality will become very minor factors in the decision process.

It is proverbial that "every cloud must have a silver lining." The Thor decision should remind many who seem to have forgotten how closely the fortunes of the publishing industry, the libraries and the educational institutions of the United States are tied together. ☸

TIS VIDEOTAPE AVAILABLE: "THE INFORMATION CYCLE"

Technical Information Systems is pleased to announce the availability of a 20-minute color videotape describing its information systems and services.

The videotape, called "The Information Cycle," presents and describes AGRICOLA (Agricultural Online Access) and CRIS (Current Research Information System) data bases, the Current Awareness Literature Service (CALS), the Food and Nutrition Information Services (FNIC), and the document delivery systems of Technical Information Systems. The tape includes a brief overview of the evolution of the National Agricultural Library into the Technical Information Systems as well.

"The Information Cycle" was professionally produced, photographed, and edited to present a quick and comprehensive overview of Technical Information Systems, what it is, and how it can help you in your work.

Copies of the tape, in 3/4" cassette, are available for loan from: Educational Resources Division, Training and Education Branch, USDA Technical Information Systems, Room 408, NAL Building, Beltsville, MD 20705; Attention: David Hoyt. ☸


GARDENING SURVEY

Gardens for All has a few dozen extra copies of the 1979 National Gardening Survey conducted by The Gallup Organization, Inc. This 180-page report sold for \$125 last year. It is available to libraries and other interested nonprofit groups for \$3.00, to cover cost of postage and handling.


Please send request and \$3.00 to Gallup Offer Gardens for All, 180 Flynn Ave., Burlington, VT 05401.



The OBERLY AWARD FOR BIBLIOGRAPHY IN THE AGRICULTURAL SCIENCES, awarded biennially by the Science and Technology Section of the Association of College and Research Libraries, will be presented at the 1981 American Library Association Annual Conference to the author(s) of the best bibliography published during 1979 or 1980 in the field of agriculture or the related sciences. Nominations for the award will be evaluated on the basis of timeliness of the topic, comprehensiveness, accuracy, format, and indexing methods. The principle author, editor, or compiler must be a U.S. citizen.

Please submit nominations for the 1981 Oberly Award no later than March 1 to: John W. Beecher, Chair of the Oberly Award Committee, 226 Mumford Hall, University of Illinois, Urbana, IL 61801. 

Linda Hall Library Miscellany. Kansas City, Mo., Linda Hall Library. No. 1, Autumn 1980- irr. "...a modest instrument to inform our friends and users about Linda Hall Library activities...Events of consequence, alterations of policy, changes in records management, new acquisitions, significant bequests - in short, "a mixture of various things" as Webster's International Dictionary defines *miscellany* - will be the stuff of these columns."


Published free for friends and users of the Library. Correspondence relating to this publication should be sent to Paul Peterson, Editor, Linda Hall Library, 5109 Cherry Street, Kansas City, MO 64110. 



COURSES ON TIS INFORMATION SYSTEMS AND SERVICES

The Educational Resources Division of the Technical Information Systems is planning to conduct several intensive, five-day introductory workshops in 1981 to train librarians and information specialists in the efficient use of TIS's information systems and services.

As presently planned the workshops will emphasize online access to the CRIS (Current Research Information System) and AGRICOLA (AGRIcultural Online Access) data bases, as well as profiling for CALS (Current Awareness Literature service). The topics covered will include online systems access, Boolean logic, search strategy formulation, efficient data base searching techniques, and basic proficiency in the searching of CRIS and AGRICOLA. Profiling experience for the provision of CALS service will also be included. The courses will begin with an overview of TIS services and an introduction to information retrieval through the Lockheed Dialog system. No prior experience with online retrieval will be expected of participants.

A function of Educational Resources Division is to conduct seminars such as these, and provide other educational services and products. It is now also planning several advanced level data base classes. Comments as to the structure, content, and location of these courses are welcomed and will be carefully considered. If you are interested in sponsoring an online seminar at your institution, please call or write David Hoyt, Educational Resources Division, Technical Information Systems, Room 408, NAL Building, Beltsville, MD 20705, (301-344-3937). 

QUICK BIBLIOGRAPHY SERIES

The bibliographies in this series are primarily computerized online or batch bibliographies emanating from searches performed by the IIS Reference Staff in response to customer requests.

Searches are selected for inclusion based on the currency of the topic, interest among clientele, relative length (approximately 150 citations or more) and probable value to a larger audience. All titles in this series will be listed for six months. Revisions or updates will be re-numbered and reannounced. Only one copy of a title will be sent; however, requestors may make copies. To request a copy of a Quick Bibliography send the title, series number, and a return addressed label to:

Reference Branch
Technical Information Systems, SEA,
USDA
NAL Bldg., Room 302
Beltsville, MD 20705

NAL--BIBL.--80-18. *Plant Senescence, 1976-1980*. 289 citations from AGRICOLA. Search by Henry Gilbert. August 1980.

NAL--BIBL.--80-19. *Gasohol, 1979-1980*. 78 citations from AGRICOLA. Search by Sheldon Cheney. August 1980.

NAL--BIBL.--80-20. *Integrated Pest Management, 1969-1980*. 188 citations from AGRICOLA. Search by Charles N. Bebee. August 1980.

NAL--BIBL.--80-21. *Frost and Freeze Protection for Sub-Tropical Fruits, 1970-1980*. 132 citations from AGRICOLA. Search by Henry Gilbert. August 1980.

NAL--BIBL.--80-22. *Acid Rain: Impact on Agriculture, 1969-1980*. 108 citations from AGRICOLA. Search by Sheldon Cheney and William Longenecker. August 1980.

NAL--BIBL.--80-23. *The Spiderwort (Tradescantia), A Radiation Monitoring Plant, 1970-1980*. 22 citations from AGRICOLA. Search by Henry Gilbert. August 1980.

NAL--BIBL.--80-24. *Drought: Resistance, Stress, or Effect, 1978-1980*. 104 citations from AGRICOLA. Search by Phyllis L. Cleveland. September 1980.

NAL--BIBL.--80-25. *Farm Ponds, 1969-1980*. 70 citations from AGRICOLA. Search by Jayne T. MacLean. September 1980.

NAL--BIBL.--80-26. *Wild Birds and Agriculture, 1969-1980*. 155 citations from AGRICOLA. Search by Ann Juneau. September 1980.

NAL--BIBL.--80-27. *Organic Farming and Gardening, 1970-1980*. 248 citations from AGRICOLA. Search by Jayne T. MacLean. September 1980.

NAL--BIBL.--80-28. *Byssinosis: Cotton Dust Lung Disease, 1970-1979*. 75 citations from AGRICOLA. Search by Henry Gilbert. September 1980.

NAL--BIBL.--80-29. *Roadside Marketing, 1970-1980*. 75 citations from AGRICOLA. Search by Henry Gilbert. September 1980.

NAL--BIBL.--80-30. *Jojoba, 1971-1980*. 116 citations from AGRICOLA. Search by Henry Gilbert. September 1980.

NAL--BIBL.--80-31. *Herb Gardening, 1970-July 1980*. 123 citations from AGRICOLA. Search by Jayne T. MacLean. September 1980.

NAL--BIBL.--80-32. *Double Cropping and Interplanting, 1976-July 1980*. 324 citations from AGRICOLA. Search by Jayne T. MacLean. October 1980.

NAL--BIBL.--80-33. *Sewage and Municipal Waste Composting, 1969-80*. 81 citations from AGRICOLA. Search by Jayne T. MacLean. October 1980.

(QUICK BIB., Continued on p. 9)



May 4-8: *American Association of Botanical Gardens and Arboreta, Inc. Annual Meeting.* San Francisco, Calif. Contact: Hadley Osborn, Director, Filoli Center, Canada Rd., Woodside, CA 94062. Telephone: (415) 364-8300.

May 5-8: *Horticultural Libraries. 13th Annual Meeting.* San Francisco, Calif. Contact: Jane Gates, Librn., Strybing Arboretum Society, 9th Avenue at Lincoln Way, San Francisco, CA 94122. Telephone: (415) 661-1316.


May 28-29: *Seminar on the Economics of Secondary Information.* Atlanta, Ga. Atlanta Hilton. Contact: NFAIS, 112 South 16th St., Philadelphia, PA 19102.

May 31-June 4: *American Society of Biological Chemists.* St. Louis, Mo. Contact: S.K. Herlitz Inc., 850 Third Ave., New York, NY 10022.

June 15:24: *XIV International Grassland Congress.* University of Kentucky, Lexington, Ky. Contact: John E. Baylor, Agricultural Science Center, University of Kentucky, Lexington, KY 40546.

June 18-22: *American Association of Nurseryman.* Cincinnati, Ohio. Contact: Robert F. Lederer, 230 Southern Building, Washington, D.C. 20005.

June 19: *USDA Agency Field Libraries Meeting.* Atlanta, Ga. Contact: Wallace C. Olsen, Chief, Library Operations Div., TIS/SEA/USDA, NAL Bldg., Beltsville, MD 20760. Tel. (301) 344-3834.

July 26-30: *American Society of Animal Science.* North Carolina State University, Raleigh, N.C. Contact: David C. England, Oregon State University, Animal Science Department, Corvallis, OR 97330. 

ARID LANDS ABSTRACTS. Slough, Eng., Commonwealth Agricultural Bureau; Tucson, Ariz., Arid Lands Information Center. m. Vol. 1, 1980- S613.A7

BANBURY REPORT. Cold Spring Harbor, N.Y., Cold Spring Harbor Laboratory. irr. Vol. 1, 1979- QH426.B35

DESIGN AND MANAGEMENT FOR RESOURCE RECOVERY. Ann Arbor, Mich., Ann Arbor Science Publishers. a. Vol. 1, 1980- TD794.5.D3

DOCUMENTS PEDOZOLOGIQUES. Dijon, Laboratoire de Zoecologie Du Sol. irr. Soil Ecology, Vol. 1, 1979- QH541.5.S6D6

FERTILIZER RESEARCH. The Hague, Nijhoff. q. Vol. 1, 1980- S631.F422

GREEN RIVER WATERSHED NEWS. Seattle, Wash., Forest Service, U.S. Dept. of Agriculture. irr. aHD1695.G7G7

HANDBOOK OF THE NATIONS. Detroit, Mich., Grand River Books. a. 1979- G123.H3

HORTHERAPY. Mt. Vernon, Va., National Council for Therapy and Rehabilitation Through Horticulture. 3 x year. Vol. 1, 1979- SB1.H62

JOURNAL OF FOOD SERVICE SYSTEMS. Westport, Conn., Food and Nutrition Press. q. Vol. 1, 1980- TX901.J54

JOURNAL OF RECEPTOR RESEARCH. New York, N.Y., Dekker. 3 x year. Vol. 1, 1980- QH603.C43J6

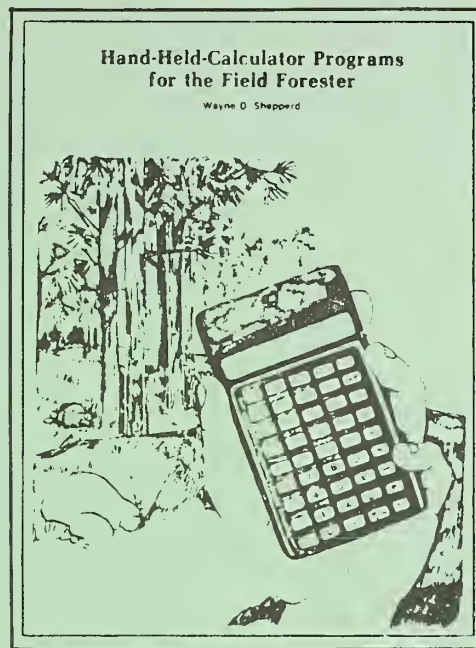
LIVESTOCK FUTURES RESEARCH SYMPOSIUM. PROCEEDINGS FROM THE...ANNUAL LIVESTOCK FUTURES RESEARCH. Chicago, Chicago Mercantile Exchange. a. 1st, 1979- SF191.2.L58

(NEW SERIALS, Continued on p. 9)

The popularity of hand-held program-mable calculators for field use is increasing. They are small, inexpensive, easy to use, and rugged enough for outdoor use. Some models can store and execute programs containing over 2,000 steps.

A new report is now available that describes various programs designed to help foresters use hand-held, program-mable calculators to gather and analyze data in field situations. Programs are presented which perform: slope to horizontal distance conversions; basal area computation; tree height determinations; adequacy of sample test; multispecies board foot volumes; basal area factor gauge calibration; limiting distance; scaling of aerial photos; calculations for variable plot cruising and variable plot cruising summaries.

Programs described are written in outline form and are not specific to any particular brand of calculator. However, a calculator with 200 or more program steps is desirable. The programs are presented in order of complexity, so the user is gradually introduced to the more advanced programming techniques.



Request "Hand-Held-Calculator Programs for the Field Forester" General Technical Report RM-76-FR24, by Wayne D. Sheppard from Rocky Mountain Forestry Station 240 W. Prospect St., Fort Collins, CO 80521. Free.

Reprinted from *Forestry Research West* Nov. 1980. p. 17. (Forest Service, U.S. Department of Agriculture.)

(QUICK BIB., Continued from p. 7.)

NAL--BIBL.--80-34. *Composts and Composting of Organic Wastes, 1977-80.* 224 citations from AGRICOLA. Search by Jayne T. MacLean. October 1980.

NAL--BIBL.--80-35. *Vegetation Management, 1974-80.* 132 citations from AGRICOLA. Search by Phyllis Cleveland. October 1980.

(NEW SERIALS, Continued from p. 8)

MEMOIRES DE LA SOCIETE BOTANIQUE DE GENEVE. irr. Societe Botanique de Geneve. No. 1, 1979- QK1.M4

NATIONAL PRESERVATION REPORT. [Washington] Library of Congress. 3 x year. Vol. 1, 1979- Z265.N3

SERIES ON MYCOLOGY. New York, Dekker. irr. Vol. 1, 1979- QK600.S4

CONSOLIDATED PURCHASING OF PUBLICATIONS
SCIENCE & EDUCATION ADMINISTRATION
TECHNICAL INFORMATION SYSTEMS (SEA/TIS)

CURRENT CONTENTS

Project 38


Project 38 is a SEA/TIS sponsored program which makes the *Current Contents* series of publications from the Institute for Scientific Information (ISI) available to USDA agencies and cooperating institutions using Federal funds at sharply reduced rates. The Science and Education Administration has underwritten the continuation of Project 38 by signing a five-year subscription contract with ISI. The contract period runs from January 1, 1981 through December 31, 1985.

Current Contents is a series of easy-to-scan, pocket sized publications composed of reproduced tables of contents from more than 1,000 journals reporting worldwide research and practice in the agricultural, physical, and chemical sciences. It is an effective and economic solution to the problem of literature scanning, reading selectively, and rapid dissemination of information.

CAMBRIDGE UNIVERSITY PRESS


Project 40

This program makes available to all USDA agencies and cooperating institutions using Federal funds journal titles published by the Cambridge University Press at a 10% discount. This is a one-year contract, January 1-December 31, 1981, with renewal options.

For additional information on titles offered, eligibility of participants, and ordering information for both projects contact Marilyn M. Boone, CPP Assistant, TIS/SEA/USDA, NAL Bldg., Room 107, Beltsville, MD 20705; telephone (301) 344-3778. 

END OF AN ERA

Grand River, Iowa, has a spanking new one-party dial telephone system. An article in the *Des Moines Sunday Register* December 7, 1980, describes the end of the last hand-crank magneto-telephone system in Iowa and installation of an ultra-modern dial system with a computer digital switch system.


The change was brought about by increasing pressure from residents, the Iowa Commerce Commission, uncertain financing of the old system, and difficulty in locating replacement parts. The people of Grand River agree that it will be nice to have a faster, efficient dial system, but they will miss the little extras: the personal services, the communication of community news through line calls, and the rallying of neighbors to meet emergencies. 



Gasohol Information Service

G. V. Associates, in response to the "growing interest in alcohol fuels and the president's proposal for an expanded gasohol program," has initiated Gasohol Information Service. Special reports and monthly updating services offered.

The monthly updating services make available to subscribers references and abstracts on "all significant published and some unpublished articles and reports" on new gasohol and biomass and energy developments.

For further information contact G. V. Olsen, G. V. Olsen Associates, 170 Broadway, New York, NY 10038, 212-866-5034. 

AGRICULTURAL TRANSLATIONS



Technical Information Systems reviews titles before translations are made in order to avoid duplication within USDA. We also receive copies on deposit often far in advance of their listings in the standard bibliographic tools. This column is an alert to selected new receipts at TIS. These items are available to USDA personnel upon presentation of a loan request (AD-245) with the identification: TRANS. No. _____ along with the citation. Non-USDA persons may request photo-duplication at the rate of \$2 for each 10 pages or fraction thereof per citation. TRANS. No. _____ MUST be on the request. Both types of requests should be sent to:

Lending Division, Technical Information Systems
National Agricultural Library Building
U.S. Department of Agriculture
Beltsville, Maryland 20705

The Technical Translation Number will also be cited for those translations prepared for the U.S. Department of Agriculture and the National Science Foundation under the P.L. 480 program. Copies of these translations may also be ordered from the National Translation Center, John Crerar Library, 35 West 33rd Street, Chicago, IL 60616.

BENNDORF, E. and G. THALMANN. The Present Situation of Immunoprophylaxis Against Foot-and-Mouth Disease. Translated from German: *Arch. Exp. Veterinarmed*, 32 (3): 327-336, 1978. TT 80-58195/3

DROSCHA, H. Continuous Surface Testing by Laser Scanning With Automatic Defect Analysis and Sorting Equipment. Translated from German: *Holz als Roh-und Werkstoff*, 38 (4): 139-140, 1980. TRANS. No. 26839.

FOLLMANN, H. and H. MARKL. pH-Static Procedure for Continuous Anaerobic Fermentation of Highly-Loaded Waste Water to Methane 2. Experimental Tests and Verification of the Concept on the Basis of Whey. Translated from German: *Milchwissenschaft* 34 (7): 393-396, 1979. TRANS. No. 26816. TT 80-59210

HOFFMANN, R. [et. al.]. Research About The Pathogenesis of Viral Hemorrhagic Septicemia (VHS) in Rainbow Trout (*Salmo Gairdneri*). Translated from German: *Berl. Muench. T. Tieraerztl. Wschr.*, 92: 180-185, 1979. TRANS. No. 26801.

LESIC¹, L. Safety of Wooden Glue Laminated Structures in Fire. Translated from Croatian: *Pregled* 3-4: 21-26, 1979. TRANS. No. 26838.

MURATOV, M. M. et al. A Study of the Effect of Different Performance Factors on the Migration of Formaldehyde from Wood-Particle Board Using A Mathematical Experimental Design. Translated from Russian: *Gigiena i Sanitariya*, 2: 82-83, 1980. TRANS. No. 26683.

NO FORMALDEHYDE GIVEN OFF FROM HALF-HARDENED FIBERBOARDS. Translated from German: *Holz als Roh-und Werkstoff*, 38, 159-160, 1980. TRANS. No. 26840.

RUDENKO, A. A. and BIRJUKOVA, L. V. Patterns of Formaldehyde Release from Polymeric Building Materials Based on Formaldehyde Resins Under Conditions of Increased Relative Humidity. Translated from Russian: *Gigiena i Sanitariya*, 2: 83-84, 1980. TRANS. No. 26681.

RUSZNAK, I. [et. al.]. Effect of the Drying Method Used After Swelling on the Structural Characteristics of Cotton Cellulose and the Parameters of Resin Finishing. Translated from Hungarian: *Magyar Textiltechnika*, 31: 441-447, 1978. TRANS. No. 26453. TT 80-53070

TESTING OF PARTICLE BOARD AFTER SHORT EVAKUATION IN WATER. Translated from German: *Holz als Roh-und Werkstoff*, 37: 383-388, 1979. TRANS. No. 26691.



BIOLOGIC AND ECONOMIC ASSESSMENT OF MALEIC HYDRAZIDE. A report of the Maleic hydrazide assessment team to the rebuttable presumption against registration of Maleic hydrazide. Submitted to the Environmental Protection Agency on October 1, 1979. (Washington, D.C., U.S. Dept. of Agriculture in cooperation with State Agricultural Experiment Stations, Cooperative Extension Service, other State Agencies, U.S. Environmental Agency (1980). 106 p. (Technical Bulletin 1634). Free. Request from Publications Requests and Distribution, SEA-Information Staff, USDA, Room 6007-S, 14th and Independence Ave., S.W., Washington, D.C. 20250.

CHROMOSOME TECHNIQUES: THEORY AND PRACTICE. Arun Kurnar Sharma and Archana Sharma. 3rd ed. London, Butterworths (1980). 711 p. \$135.00. ISBN 0-408-70942-1. Order from publisher.


EPA AND THE ACADEMIC COMMUNITY, PARTNERS IN RESEARCH, SOLICITATION FOR GRANT PROPOSALS, FY 1981. EPA-600/8-80-010. 1980. Free. Available from Center for Environmental Research Information, U.S. Environmental Protection Agency, Cincinnati, OH 45268.

EFFECTS OF SEWAGE SLUDGE ON THE CADMIUM AND ZINC CONTENT OF CROPS. Council for Agricultural Science and Technology, 1980. Report No. 83. Free. Available from CAST, 250 Memorial Union, Ames, IA 50011.

HORSE PUBLICATIONS AND VISUAL MATERIALS: 1980 LISTING. Dixon D. Hubbard. (Washington, D.C., U.S. Dept. of Agriculture, Science and Education Administration (1980). 113 p. (Miscellaneous Publication 1393). Free. Order from Publications Requests and

Distribution, SEA-Information Staff, Room 6007, South Bldg., U.S. Dept. of Agriculture, 14th and Independence Ave., S.W., Washington, D.C. 20250.

PROCEEDINGS OF THE CONFERENCE ON NURSERY PRODUCTION OF FRUIT PLANTS THROUGH TISSUE CULTURE - APPLICATIONS AND FEASIBILITY. April 21-22, 1980. Beltsville, Md. (Washington, D.C.). U.S. Dept. of Agriculture, Science and Education Administration, 1980. 119 p. (Agricultural Research Results, ARR-NE-11). Free. Order from Publications Requests and Distribution, SEA-Information Staff, Rm. 6007 - South Bldg., U.S. Dept. of Agriculture, Washington, D.C. 20250.

REPRODUCTION IN THE PIG. P. E. Hughes and M. A. Varley. (London, Butterworths, 1980). 241 p. \$39.95; ISBN 0-408-70946-4; paperback \$23.95; ISBN 408-70921-9. Order from publisher. 



AGRICULTURAL LIBRARIES INFORMATION NOTES provides a channel of communication to technical information specialists, librarians, extension workers, researchers, and scientists on agricultural information activities. It is published monthly by the U.S. Department of Agriculture, Science and Education Administration, Technical Information Systems, National Agricultural Library Building, Beltsville, MD 20705. Leila Moran, Editor. 